

As of Aug. 7, 1962 Ohio Oil Company changed its name  
to Marathon Oil Company.

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or  
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed



h. of I to AB. - 4-10-59



# FILE NOTATION

Entered in NID file

Entered on a sheet

Location NID placed

Card index

Put in State or Fee Land

✓  
✓  
✓  
✓

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

✓  
✓  
✓

## COMPLETION DATA:

Digs Well Completed 4-9-59

OW WW TA

OW OS PA X

Location Inspected

Bond released

State of Fee Land

\_\_\_\_\_  
\_\_\_\_\_

## LOGS FILED

Bulwer's Log 4-8-59

Electric Log No. 2

✓ ✓ ✓ ✓ GR GRM Micro

Lat M-L Sonic Others

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-382


SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 30, 1958

**Chio-Navajo**

Well No. 21-33 is located 1650 ft. from [S] line and 1650' ft. from [W] line of sec. 33

**42-S**

**21-E**

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

**Chino Wash**

**San Juan County**

**Utah**

(Field)

**Ungraded-GND**

(County or Subdivision)

(State or Territory)

The elevation of the ~~surface~~ above sea level is 5068 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The Chio Oil Company proposes to drill a well to TD of Approximately 3150' to test for oil & gas. The following is a brief outline of the proposed work:  
Objective Sands: Moonhapi 1892', Bechally 1978', Organ Rock 2294', Cutler Svaps. 2998', Hermosa 4023', Paradox "A" 4829', "B" 4959', "C" 4974', & "D" 5134'.

13-3/8" Casing - 300' will be cement to be circulated to surface. 9-5/8" casing - 3500' to be cemented w/600 sacks up 1000', 7" liner to be run back to 3500', the above casing & liner to be cemented so that no water can escape to formation.  
Coring Program: Cut - 1--50' core from 4914 to 4964' & 1--50' core from 4964-5014'.  
Testing Program: Natural gauges to be taken @ 4964 and 5014'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Chio Oil Company

Address P. O. Box 120

Casper, Wyoming

Phone 3-5721

By H. J. Bunt

Title Division Production Superintendent

Company THE OHIO OIL COMPANY

Lease NAVAJO TRACT

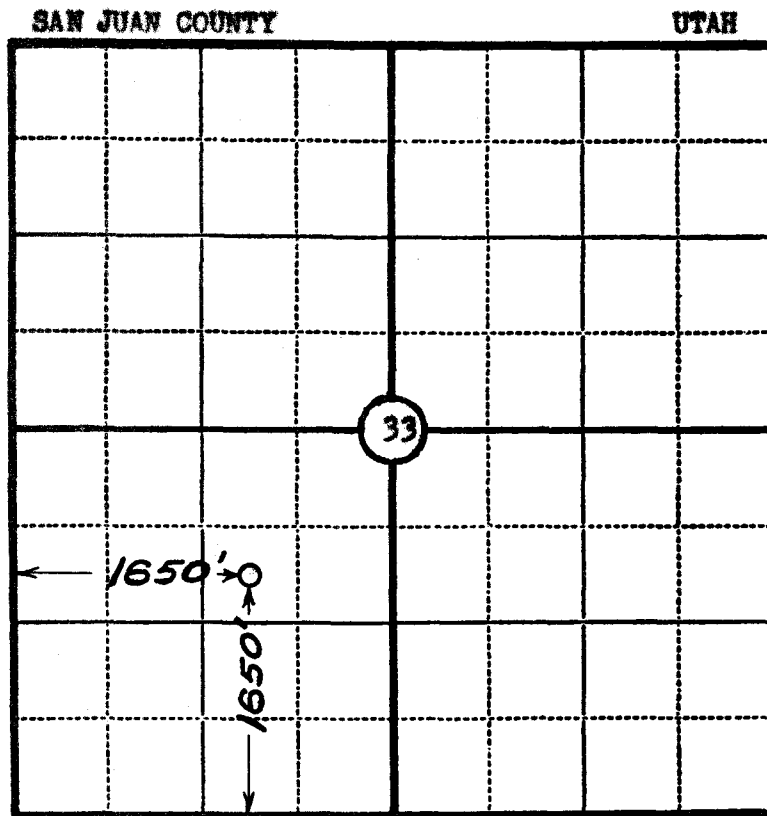
Well No. 1-33

Sec. 33, T. 42 S., R. 21 E., S.L.M.

Location 1650' FEET FROM THE SOUTH LINE & 1650 FEET  
FROM THE WEST LINE

Elevation 5068' ungraded ground

TM 1x2 stake 150' North Elev. 5068.95'



Scale—4 inches equal 1 mile.

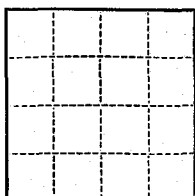
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

Surveyed 13 October 1958, 19.....

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

C O P Y  
(SUBMIT IN TRIPLICATE)Indian Agency NAVAJOUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-382

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____		SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____		SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____		SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____		SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 30, \_\_\_\_\_, 19 58

Ohio-Navajo

Well No. 1-33 is located 1650 ft. from XXX [S] line and 1650 ft. from XXX [W] line of sec. 33SW  $\frac{1}{4}$  Sec. 33

(1/4 Sec. and Sec. No.)

42S

(Twp.)

21E

(Range)

(Meridian)

Chinle Wash

(Field)

San Juan County

(County or Subdivision)

Utah

(State or Territory)

Ungraded Grd.

The elevation of the ~~surface~~ ~~ground~~ above sea level is 5068 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The Ohio Oil Co. proposes to drill a well to TD of Approximately 5150' to test for oil & gas. The following is a brief outline of the proposed work: Objective Sands: Moenkopi 1892', DeChelly 1978', Organ Rock 2294', Cutler Evaps. 2998', Hermosa 4023', Paradox "A" 4829', "B" 4959', "C" 4974', & "D" 5134'.

13-3/8" casing = 300' will be cemented & circulated to surface. 9-5/8" casing 3500' to be cemented w/600 sax up 1000', 7" liner to be run back to 3500', the above casing & liner to be cemented so that no water can escape to formation. Coring Program: Cut 1--50' core from 4914-64', & 1--50' core from 4964-5014', Testing Program: Natural gauges to be taken @ 4964' & 5014'.

NOTE: THE OHIO OIL COMPANY OWNS ALL OIL & GAS LEASES WITHIN A RADIUS OF 660' of the proposed location.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, WyomingPhone 3-5721By /s/H. J. BRUNTTitle Division Production Superintendent

A F F I D A V I T

STATE OF WYOMING     )  
                              : ss.  
COUNTY OF NATRONA    )

COMES NOW, E. L. Spieles, who, being first duly sworn, deposes and says:

That he is the Assistant Division Engineer of The Ohio Oil Company, a corporation, and that he has direct personal knowledge of the facts and conditions hereinafter set forth, and that the well hereinafter described is, in part, under his supervision.

That The Ohio Oil Company proposes to drill a test well for oil and gas, which will be designated as well No. Ohio - Navajo 1-33, at a location 1650 feet from the south line and 1650 feet from the west line of Section 33, Township 42 South, Range 21 East of S.L.B.L., San Juan County, Utah. That it is recognized that the above described location does not comply with rule C-3(b) of the general rules and regulations of the Utah Oil and Gas Conservation Commission; however, in this connection deponent further says that a drill site location in accordance with said rule would encounter topographical conditions in the form of mesa or steep hill and surface features which would cause the attempted drilling of said location to be unnecessarily expensive and impracticable.

And further deponent sayeth not.

E. L. Spieles  
E. L. Spieles

Subscribed and sworn to before me this 6th  
day of November, 1958.

My Commission expires 11/25/58.

Jane C. Patterson  
Notary Public

November 4, 1958

The Ohio Oil Company  
P. O. Box 120  
Casper, Wyoming

Attention: H. J. Brunt, Division Production  
Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Ohio-Navajo 1-33, which is to be located 1650 feet from the south line and 1650 feet from the west line of Section 33, Township 42 South, Range 21 East, SLM, San Juan County, Utah.

The proposed location of this well does not comply with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil & Gas Conservation Commission; nor has information been furnished for an unorthodox location as required by Rule C-3(c) of said rules and regulations.

Before approval can be given for drilling this well, it will be necessary for you to file a new notice of intention to drill in compliance with Rule C-3(b), or if an unorthodox location is necessary, a request for such spacing must be made as required by Rule C-3(c).

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
SECRETARY

CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

November 10, 1958

The Ohio Oil Company  
P. O. Box 120  
Casper, Wyoming

Attention: H. J. Brunt, Division Production Superintendent

Gentlemen:

With reference to your Affidavit that accompanied your notice of intention to drill Well No. Ohio-Navajo 1-33, please be advised that approval to drill said well 1650 feet from the south line and 1650 feet from the west line of Section 33, Township 42 South, Range 21 East, SLBM, San Juan County, is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil & Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
SECRETARY

CBF:co

cc: Phil McGrath  
USGS, Farmington,  
New Mexico



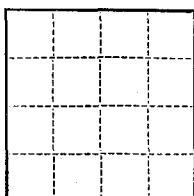
(SUBMIT IN TRIPLICATE)

Indian Agency NAVAJO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-403-382



SUNDRY NOTICES AND REPORTS ON WELLS

71-  
12-1-58

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Surface Casing</u> <b>X</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 10, 1958

Chio-Navajo

Well No. 1-33 is located 1650 ft. from S line and 1650 ft. from W line of sec. 33

Sec. 33

42E

21E

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Chino Wash

San Juan County

Utah

(Field)

(County or Subdivision)

(State or Territory)

Ungraded Ord.

The elevation of the Ungraded Ord. above sea level is 5048 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Run 8 Jts. 13-3/8" casing, 54.50', 8rd, J-55, Range 2, Cond. #1. Effective length 316.02', with 1--13-3/8" Baker Guide Shoe, 1.49', Total Net 317.51', Set from 14' KB to 331.51' KB. Cemented w/300 sacks bulk regular cement, 7% CaCl. Displaced w/52 BWtr. Estimated top of plug 311' KB.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

Phone 3-5721

By

Title Division Production Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency NAVAJO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-382


SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____	<u>Casing</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 30, 19 58

Chio-Navajo

Well No. 1-33 is located 1650 ft. from SW line and 1050 ft. from EW line of sec. 33

SW 1/4 sec. 33 42S 21E  
(1/4 Sec. and Sec. No.) (Twp.) (Range)

Chino Wash San Juan County Utah  
(Field) (County or Subdivision) (State or Territory)

Ungraded G&D

The elevation of the drinking floor above sea level is 5068 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TO 4025', ran 91 jts. 9-5/8 J-55 casing, overall length, 3579.26' net = 3566.43', set from 10.57' KB to 3577' KB, cemented w/220 sacks 50-50 pozzol, 27 Ccl, 140 Sack Floseal, displaced w/273.5 bbls. dig. mud. Estimated top of cement in annulus 2950', plug down 9:30 p.m. 11/27/1958.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil Company

Address P. O. Box 120

Casper, Wyoming

Phone 3-5721

COPY (ORIGINAL SIGNED)  
H. J. BRUNT

By \_\_\_\_\_

Title Division Production Superintendent



(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLease No.  
~~INDEX~~ 14-20-603-382~~INDEX~~

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Liner</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 22, 1958

Ohio-Navajo

Well No. 1-33 is located 1650 ft. from XXX line and 1650 ft. from W line of sec. 33

SW 1/4 Section 33

(1/4 Sec. and Sec. No.)

42S

(Twp.)

21E

(Range)

(Meridian)

Chinle Ash

(Field)

San Juan County, Utah

(County or Subdivision)

Utah

(State or Territory)

Ungraded Ground

The elevation of the ~~surface~~ above sea level is 5068 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 45 jts. of 7" OD, 23# J-55 Liner on drill pipe w/Brown combination float & guid shoe & Brown Oil Tool Pack-off hanger assembly. Effective length liner 1827.94', Shoe 2.45', hanger 16.87'. Set from 3499.74' to 5347.00' with 6 Baker centralizers from 4759-5302'. Pumped in 10 BW cemented w/400 sacks 50-50 Spania "A". Plug down @ 8:15 p.m. 12/19/1958. Top cement 3880'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, WyomingPhone 3-5721COPY (ORIGINAL SIGNED)  
H. J. BRUNT

By

Title Division Production Superintendent

Form 9-331 b  
(April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_


## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____
NOTICE OF INTENTION TO ABANDON WELL _____	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

\_\_\_\_\_, 19\_\_\_\_

Well No. \_\_\_\_\_ is located \_\_\_\_\_ ft. from  $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$  line and \_\_\_\_\_ ft. from  $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$  line of sec. \_\_\_\_\_

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set packer 4828' and swab dry - tested - no fluid entry. Set Model "K" bridge plug at 4805' - squeezed 50 sacks cement at 1800# - 35 sacks into formation 10 sacks in casing and reversed out 5 sacks. Temporarily abandoned 1/11/59.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company \_\_\_\_\_

Address \_\_\_\_\_

By H. J. Brunk

Title \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Indian Agency NAVAJOUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-603-382

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>Perforations and Packers</b>	<b>XX</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 20, 1959

Ohio Navajo

Well No. 1-33 is located 1650 ft. from XX [S] line and 1650 ft. from XX [W] line of sec. 33SW  $\frac{1}{4}$  Section 33

(1/4 Sec. and Sec. No.)

42S

(Twp.)

21E

(Range)

(Meridian)

Chinle Wash

(Field)

San Juan County

(County or Subdivision)

Utah

(State or Territory)

Ungraded Grd.

The elevation of the ~~existing floor~~ above sea level is 5068 ft.

## DETAILS OF WORK

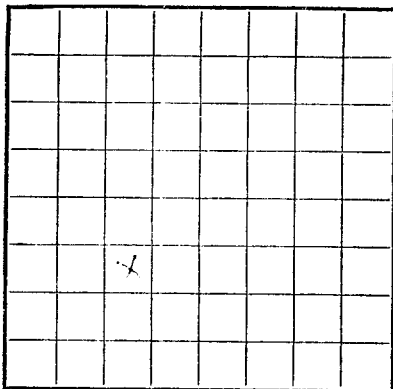
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

5350' TD - Schlumberger tops - Paradox "A" - 4830' - "B" 4955' - "C" 4972' - "D" 5131'.

Perforated 5202-13 w/4 per ft, ran tubing, set packer 5169'. Acidized w/500 gals. Swab all water. Set bridge plug 5183' and dump 2 sacks cement. Perforated 5094-5114' w/4 per ft. Ran tubing, set packer 5073', acidized w/500 gals. Could not swab below 2000' - all water w/scum of oil. Set bridge plug at 5080 and dump 2 sacks cement. Perforated 4978-98' w/4 per foot. Ran tubing, set packer 4950', swab down to 3000' from surface all water. Set retainer 4950' and squeezed 50 sacks in perfs 4978-98 - 2000#. Perforated 4926-36' w/4 per foot. Ran tubing, set packer 4880' - swab 125 bbls water in 12 hours, 15 minutes. Acidized w/2000 gals - 15% acid. Ran tubing, set packer 4890' swab 100 bbls water in 8 hrs. Set retainer 4887 and squeeze w/100 sacks cement. 95 sacks into formation and 5 sacks in casing. Perforated 4852-70' w/4 per ft. Set packer 4828', swab dry and acidized w/1000 gals 15% acid. (See attached page)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Ohio Oil CompanyAddress P. O. Box 120Casper, WyomingPhone: 3-5721By H. J. BruntsTitle Division Production Superintendent

U. S. LAND OFFICE --- Salt Lake ---  
SERIAL NUMBER Nav. 14-20-603-  
LEASE OR PERMIT TO PROSPECT 382

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company THE OHIO OIL COMPANY Address P.O. Box 120, Casper, Wyoming  
Lessor or Tract Ohio-Navajo 1-33 Field Chinle Wash State Utah  
Well No. 1-33 Sec. 33 T. 42S R. 21E Meridian SLM County San Juan  
Location 1650 ft. N. of S Line and 1650 ft. E. of W Line of Sec. 33 Elevation 5083'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed W. A. PoeDate April 3rd, 1959Title Production Foreman

The summary on this page is for the condition of the well at above date.

Commenced drilling November 3, 1958 Finished drilling December 18, 1958

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4930 to 4945 O & G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4978 to 4998 O & G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 1881 to 1980 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	54.5	8	55	216.02	Shank	Outer			
9 5/8	66.0	8	55	47.72	Shank	Outer			
7	43.0	8	55	100.94	Shank	Outer			

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	331.51	300 regular	Rocky Mountain		
9 5/8	3577	220 50-50 Poemix	Halliburton		
7	3347	400 - 50-50 Diamix	B.J. Service		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

FOLD MARK

13 3/8	331.51	300 regular	Rocky Mountain		
9 5/8	3577	220 50-50 Posmix	Halliburton		
7	5347	400 - 50-50 Diamix	B.J. Service		

### PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....  
 Adapters—Material ..... Size .....

### SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
9/16"	Dyna-Jet	Welox	40	12/23/58	5202-5218	
"	Dyna-Jet	Welox	80	12/27/58	5094-5114	
"	Dyna-Jet	Welox	80	12/30/58	4978-4998	

TOOLS USED 1/10/59 4926-4936

Rotary tools were used from 0 feet to 5350 feet, and from 5350 feet to ..... feet  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

### DATES

....., 19..... Put to producing ..... 19.....  
 The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....%  
 emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....  
 If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....  
 Rock pressure, lbs. per sq. in. ....

### EMPLOYEES

Calvert Drilling, Inc. ...., Driller ..... Driller  
 Bivin-Smoet Well Service ...., Driller ..... Driller

### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		SCHLUMBERGER TOPS	
Chinle	886 (+4197)		
Moenkopi	1881 (+3198)		
Organ Rock	2279 (+2800)		
Hermosa	4015 (+1069)		
Paradox "A" Zone	4830 (+254)		
Well was temporarily abandoned January 11, 1959 with 50 sacks regular cement by Halliburton, squeezed 35 sacks into formation, 15 sacks left in pipe.			
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—Continued

10-43094-4

APR 8 1959



(SUBMIT IN TRIPLICATE)

Indian Agency **NAVAJO**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. **14-20-603-302**

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>X</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 3rd,

1950

**Chino-Morajo**  
Well No. **1-33** is located **1430** ft. from **S** line and **1630** ft. from **E** line of sec. **33**  
**SW 1/4 of Sec. 33** **42E** **21E**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Chino Wash** **San Juan County** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5045** ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The Ohio Oil Company requests permission to pull as much 9 5/8" intermediate string as possible and plug and abandon the above well. 9 5/8" csg string was run to 3377' KB. 1825' of 7" liner was run to TD 5345'. Well was perforated 3302-33' w/4 per ft. Run tubing, set packer 3169'. Acidized w/300 gals. Flush all water, set bridge plug 3163' and dump 2 sacks cement. Perforated 3094-3114' w/4 per ft. Run tubing, set packer 3073', acidized w/300 gals. Could not wash below 2060' - all water w/cum of oil. Set bridge plug at 3060' and dumped 2 sx cement. Perforated 4973-96 w/4 per ft. Run tubing, set packer 4930', wash down to 3000' from surface all water. Set retainer 4930' and squeezed 30 sx in perfor 4973-96', 2000#. Perforated 4826-36' w/4 per ft. Run tubing, set packer 4800', wash 125 bbls water in 12 hrs, 15 mins. Acidized w/2000 gals, 15% acid. Run tubing, set packer 4890 wash 100 bbls water in 8 hrs. Set retainer 4887' and squeeze w.100 sx cement. 95 sx into formation and 5 sx in casing. Perforated 4832-70 w/4 per ft. Set packer 4832, wash dry and acidized w/1000 gals 15% acid.

I understand that this plan of work must receive approval in writing from the Geological Survey before operations may be commenced.

Company **THE OHIO OIL COMPANY**

P.O. Box 948

Address **Durango, Colorado**By **W. A. Poe**  
Production Foreman

Title \_\_\_\_\_

Set packer 4030 and wash dry - tested - no fluid entry. Set Model "E" bridge plug at 4805' - squeezed 30 sacks cement at 18000' - 35 sacks into formation. 10 sacks in casing and recovered out 9 sacks. Temporarily abandoned 1/11/59.

Will run 100' cement plug where 9 5/8" casing is shot off and will run plugs at the top of the ls Chelly and plug at the top of the Chino to the bottom of the 15 3/8" surface casing which is set at 331' KB. Will set a 10' cement plug at the top of hole and set a dry hole marker.

Company THE OHIO OIL COMPANY

Lease NAVAJO TRACT Well No. 1- 33

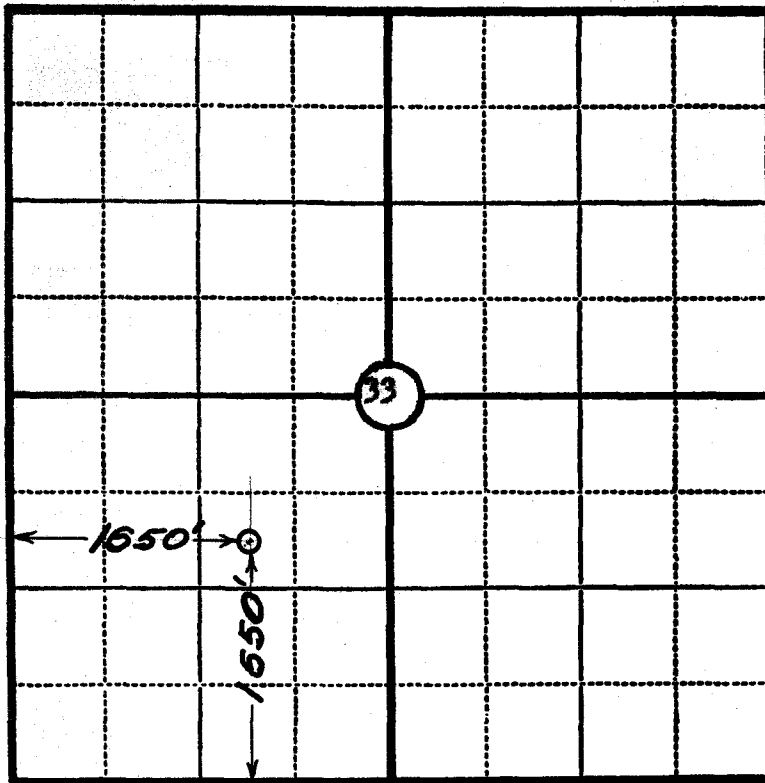
Sec. 33, T. 42 S., R. 21 E., S. 1. M.

Location 1650 FEET FROM THE SOUTH LINE & 1650 FEET  
FROM THE WEST LINE

Elevation 5068' ungraded ground  
TM 1x2 stake 150' North Elev. 5068.95'

SAN JUAN COUNTY

UTAH



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

Surveyed 13 October 1958, 19

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

# The Ohio Oil Co.

P.O. Box 948  
Durango, Colorado  
April 7, 1959

7/11  
4-20

State of Utah  
Oil & Gas Conservation Commission  
State Capitol Building  
Salt Lake City 14, Utah

Re: Ohio-Navajo 1-33  
San Juan County, Utah  
(Chinle Wash Field)

Gentlemen:

Enclosed herewith find copy of Sundry Notice of Intention to Abandon Well, together with copy of Log of Oil Or Gas Well, pertaining to the Ohio-Navajo 1-33, Sec. 33, T42S-R21E, San Juan County, Utah. These are copies of the instruments forwarded to the U.S.G.S.

If there is anything further you need in this connection, please so advise.

Very truly yours,



W. A. Poe  
Production Foreman

WAP/dp  
encls.



P.O. Box 948  
Durango, Colorado  
April 13, 1959

U.S.G.S.  
Farmington,  
New Mexico

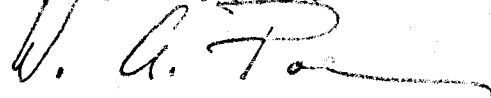
Re: Ohio-Navajo 1-33  
T42S-R21E  
San Juan County, Utah

Gentlemen:

Enclosed find Electrical & Induction Log on the Ohio-Navajo 1-33, Sec. 33, T42S-R21E, San Juan County, Utah which log is for your files.

I am also forwarding a copy of this log to the State of Utah Oil & Gas Conservation Commission for their information.

Very truly yours,



W. A. Poe  
Production Foreman

WAP/dp  
encl.

cc: State of Utah Oil & Gas Conservation Commission

(SUBMIT IN TRIPLICATE)

Indian Agency                     

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee                     

Lease No. 14-20-001-202


SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 1952, 19 52

**Chino-Nuevo**  
Well No. **91-33** is located **1430** ft. from **S** line and **1030** ft. from **W** line of sec. **33**

**SW 1/4 of Sec. 33**      **43E**      **21E**  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

**Chino Wash**      **San Juan County**      **New**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~surface~~ **ungrazed ground** above sea level is **3040** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above well was plugged and abandoned as of April 6, 1952. 9-5/8" casing was shot off and pulled at 1733' ground measurement. 25 sacks cement plug was set at 1733' and 35 sacks cement plug at 100'; 20 sacks cement plug at 320'; 10 sacks cement plug at top of surface pipe. A dry hole marker of 4" pipe was set and extends four feet above the ground.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE OIL OIL COMPANY

Address P.O. Box 120

Conner, Wyoming

By W. A. Poe

Title Production Foreman  
Durango, Colorado

P. O. Box 948  
Durango, Colorado  
April 15, 1959

71/K  
4/70

United States Department of the Interior  
Geological Survey  
P. O. Box 865  
Farmington, New Mexico

Attention: Mr. Jerry W. Long

Dear Sir:

I am enclosing the requested electric log on The Ohio Oil Company, No. 1-33 Navajo well located in section 33, Township 42S, Range 21E, San Juan County, Utah.

Also enclosed are the original and four copies of sundry Notices and Reports on wells for the same No. 1-33 well, a fifth copy has been sent to the Utah Oil and Gas Conservation Commission, State Capitol, Salt Lake City 14, Utah.

Very truly yours,

THE OHIO OIL COMPANY

*W. A. Poe*  
W. A. Poe  
Production Foreman

WAP/blt  
encls.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSIONState Capitol Building  
Salt Lake City 14, Utah

## REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease Chinlee Wash

The following is a correct report of operations and production (including drilling and producing wells) for

April, 1959Agent's address 159 North WolcottCompany The Ohio Oil CompanyCasper, WyomingSigned Wm. J. RathPhone 3-5721Agent's title Assistant Division ControllerState Lease No. \_\_\_\_\_ Federal Lease No. \_\_\_\_\_ Indian Lease No. 14-20-603-382 Fee & Pat. ☐

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE 1/4 SW 1/4 - 33	42	21	1					Dec. 20, Drilling 5350' Plugged back 4980' 1/10/59 Testing Temporarily suspended 1/14/59 Plugged and abandoned 4/9/59

NOTE: Report on this form as provided  
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection